



Mintra Ruensuk

PhD student at UNIST



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About me

Mintra is a second year PhD student in the Graduate School of Creative Design Engineering at Ulsan National Institute of Science and Technology (UNIST), South Korea. She is a member of Interactions Lab. Mintra's research focus includes affective computing, human-computer interaction and software engineering. Her current research aims to use mobile sensing and interactions to detect transient emotions during the social media use.

Skills

Python
Machine Learning
Ruby on Rails
Laravel
D3
HTML5
CSS, Bootstrap
JavaScript
Swift, Android
Selenium
SQL
CLI

Education

- since 2017 Ph.D. in Design Engineering (Human-Computer Interaction)
School of Creative Design Engineering, UNIST, South Korea
Current research title: Exploiting Sensors to Detect Transitory Emotions During Social Media Use
- 2010-2012 M.Sc. in Computer Science (with specialization in Software Engineering)
School of Engineering and Technology
Asian Institute of Technology, Thailand
Thesis: Voice, Gesture, and Web Interfaces for Human-Robot Interaction in Service Environments
- 2005-2009 B.Sc. in Information Technology (First Class Honour)
Faculty of Information Science and Technology
Mahanakorn University of Technology, Thailand
Project: Information Technology Jobs Matching By Groovy on Grails

Employment

- 2015-2017 Lecturer
Department of Information Technology
Faculty of Business and Technology
Stamford International University, Thailand
- 2015-2015 Lecturer
Department of Computer Science, Faculty of Science
Rajamangala University of Technology Thanyaburi, Thailand
- 2012-2015 Senior Software Engineer
Think Blue Data, Thailand
- 2009-2010 Lecturer
Faculty of Information Science and Technology
Mahanakorn University of Technology, Thailand

Publications

- 2019 Taewan Kim, Mintra Ruensuk, Hwajung Hong. *In Helping a Vulnerable Bot, You Help Yourself: Designing a Social Bot as a Care-Receiver to Promote Mental Health and Reduce Stigma*. In Proceedings of the 2020 CHI Conference on Human Factors in Computing Systems (CHI'20), to appear.
- 2019 Mintra Ruensuk, Hyunmi Oh, Eunyong Cheon, Hwajung Hong, Ian Oakley. *Detecting Negative Emotions during Social Media Use on Smartphones*, in ACM Asian CHI Symposium: Emerging HCI Research Collection, to appear.
- 2019 Mintra Ruensuk, Jayeong Yoon, Choeun Park. *Amor: Supporting Emerging Adult Couples to Manage Finances for a Common Goal*, in ACM SIGCHI Conference on Human Factors in Computing Systems 2019 Extended Abstracts (CHI'19 EA). [doi] [13% acceptance]
- 2019 Sanghyun Ma, Mintra Ruensuk, ChaJoong Kim. *Design considerations for promoting the mental health of young academics - a case of Korean graduate*, in the 22nd International Conference on Engineering Design (ICED19), to appear.
- 2018 Mintra Ruensuk. *Detecting Emotions using Smartphone Sensors: Technique to Raise Self-Awareness for Social Media Users*, in ACM International Joint Conference and 2018 International Symposium on Pervasive and Ubiquitous Computing and Wearable Computers (Ubi-comp'18), Broadening Participation Workshop [doi]

- 2017 Sirisilp Kongsilp, Mintra Ruensuk, Matthew N. Dailey, and Takashi Kuro. *Tablet Fish Tank Virtual Reality: a Usability Study*, in International Conference on Artificial Reality and Telexistence Eurographics Symposium on Virtual Environments (ICAT-EGVE'17) [doi]
- 2016 Mintra Ruensuk. *An implementation to reduce internal/external interruptions in Agile software development using pomodoro technique*, in 2016 IEEE/ACIS 15th International Conference on Computer and Information Science (ICIS) [doi]
- 2015 Mintra Ruensuk, Buraskorn Yoosuka and Pongpol Nilaphruek. *A Special Capstone Course for Exchange Students on Agile Software Development Using Scrum Methodology*, in PKRU Conference on Development of New and Innovation Research for the AEC
- 2010 Mintra Ruensuk, Woraphon Lilakiatsakun. *Information Technology Jobs Matching By Groovy on Rails*, in Proceedings of Conference on Electrical Engineering/Electronics Computer Telecommunications and Information Technology (ECTI-CARD'2010)

Awards & Honors

- 2019 SIGCHI Student Travel Grant (SSTG)
Conference registration waiver and \$1,800 travel grant for attending CHI'19
- 2019 ACM SIGCHI Conference on Human Factors in Computing Systems (CHI'19)
Student Design Competition (advance to the second round)
- 2018 ACM Grant for The 2018 ACM International Joint Conference on Pervasive and Ubiquitous Computing (UbiComp'18)
Conference registration waiver and \$600 travel grant for attending UbiComp 2018
- 2017 - 2021 UNIST CDE Scholarship
4 years awarded for tuition and stipend for Ph.D. studies
- 2010 - 2012 Royal Thai Government Fellowship
2 year awarded for tuition for graduate studies
- 2005 - 2009 Mahanakorn University of Technology Scholarship
4 year awarded for tuition for undergraduate studies

Volunteer experience

- 2019 ACM SIGCHI Conference on Human Factors in Computing Systems (CHI'19)
Student Volunteer
- 2018 ACM International Joint Conference on Pervasive and Ubiquitous Computing (UbiComp'18)
Student Volunteer